

WHAT IS CLAIMS

CLAIMS 1-9 (Canceled)

CLAIM 10 (currently amended) A vacuum boring, excavation or cleaning, vacuum hose attachment [method having] comprising the steps of: providing a vacuum producing means attached to a first end of said vacuum hose, and a second end of said vacuum hose being a suction inlet end and, [comprising the steps of providing an inlet] said suction inlet end of said second end of said [a] vacuum [conduit] hose having a cross sectional area, and said suction inlet end further comprising a length of vacuum conduit having a length, a circumference, and a suction inlet area and said circumference means of said conduit being shaped so as to create a coned indentation in said circumference along said length of said vacuum conduit and said coned indentation in said circumference further being positioned so as to limit the size of objects which can enter said suction inlet area, and said size of said objects are limited to a size less than said cross sectional area of said vacuum hose, and said coned indentation in said circumference along said length of said vacuum conduit further comprises a location on the outside of said circumference means to attach a water spray nozzle [and a means to attach said spray nozzle adjacent to said vacuum conduit inlet suction end, and said inlet suction end of said vacuum conduit having an indentation in its circumference so as to restrict objects from

entering said vacuum conduit which are too large in size to continue through said vacuum hose and said indentation in said vacuum conduit circumference also being the location of attaching said water spray nozzle] and said water spray nozzle being positioned so as to direct sprayed water under pressure to emulsify dirt located adjacent to said suction end of said vacuum conduit.

CLAIM 11 (previously presented) The method of claim 10, further comprising the steps of: having said vacuum conduit with a first circumference and said suction end of said vacuum conduit having a bell shaped portion having a second circumference larger than said first circumference, said bell shaped portion having said one or more indentation and having one or more water spray nozzles.

CLAIM 12 (previously presented) The method of claim 10, further comprising the steps of: said spray nozzle being selected from one of a pulse jet, a rotary jet, a jetter nozzle and a fixed spray jet.

CLAIM 13 (previously presented) The method of claim 10, further comprising the steps of: facing said spray nozzle housed within said indentation so as to spray towards the center of an area to be vacuumed.

CLAIM 14 (previously presented) The method of claim 10, further comprising the steps of: providing a second and third spray nozzle housed within a second and third indentation on said vacuum conduit.

CLAIM 15 (previously presented) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached to a first end, a second end being a suction end of said vacuum conduit, said first end having a first circumference and said second end having an inward rolled edge with a second circumference smaller than said first circumference.

CLAIM 16 (previously presented) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached to a first end, a second end being a suction end of said vacuum conduit, a spray nozzle hose connected to an aerodynamic support and a spray nozzle within said second end.

CLAIM 17 (previously presented) The method of claim 15, further comprising the steps of: providing said vacuum conduit with a first circumference and a vacuum conduit bell shaped portion having a second circumference larger than said first circumference and having an indentation in the circumference of said conduit bell, and having a water spray nozzle positioned within said indentation, and said water spray nozzle directed so as to emulsify dirt located at the suction end of said vacuum conduit.

CLAIM 18 (previously presented) The method of claim 16, further comprising the steps of: mounting said aerodynamic support within said bell portion and said aerodynamic support

supporting said spray nozzle adjacent to the open end of said vacuum conduit bell.

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WHAT IS CLAIMS

CLAIMS 1-9 (Canceled)

CLAIM 10 (currently amended) A vacuum boring, excavation or cleaning, vacuum hose attachment comprising the steps of: providing a vacuum producing means attached to a first end of said vacuum hose, and a second end of said vacuum hose being a suction inlet end and, said suction inlet end of said second end of said vacuum hose having a cross sectional area, and said suction inlet end further comprising a length of vacuum conduit having a length, a circumference, and a suction inlet area and said circumference means of said conduit being shaped so as to create a coned indentation in said circumference along said length of said vacuum conduit and said coned indentation in said circumference further being positioned so as to limit the size of objects which can enter said suction inlet area, and said size of said objects are limited to a size less than said cross sectional area of said vacuum hose, and said coned indentation in said circumference along said length of said vacuum conduit further comprises a location on the outside of said circumference means to attach a water spray nozzle and said water spray nozzle being positioned so as to direct sprayed water under pressure to

emulsify dirt located adjacent to said suction end of said vacuum conduit.

CLAIM 11 (previously presented) The method of claim 10, further comprising the steps of: having said vacuum conduit with a first circumference and said suction end of said vacuum conduit having a bell shaped portion having a second circumference larger than said first circumference, said bell shaped portion having said one or more indentation and having one or more water spray nozzles.

CLAIM 12 (previously presented) The method of claim 10, further comprising the steps of: said spray nozzle being selected from one of a pulse jet, a rotary jet, a jetter nozzle and a fixed spray jet.

CLAIM 13 (previously presented) The method of claim 10, further comprising the steps of: facing said spray nozzle housed within said indentation so as to spray towards the center of an area to be vacuumed.

CLAIM 14 (previously presented) The method of claim 10, further comprising the steps of: providing a second and third spray nozzle housed within a second and third indentation on said vacuum conduit.

CLAIM 15 (previously presented) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached

to a first end, a second end being a suction end of said vacuum conduit, said first end having a first circumference and said second end having an inward rolled edge with a second circumference smaller than said first circumference.

CLAIM 16 (previously presented) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached to a first end, a second end being a suction end of said vacuum conduit, a spray nozzle hose connected to an aerodynamic support and a spray nozzle within said second end.

CLAIM 17 (previously presented) The method of claim 15, further comprising the steps of: providing said vacuum conduit with a first circumference and a vacuum conduit bell shaped portion having a second circumference larger than said first circumference and having an indentation in the circumference of said conduit bell, and having a water spray nozzle positioned within said indentation, and said water spray nozzle directed so as to emulsify dirt located at the suction end of said vacuum conduit.

CLAIM 18 (previously presented) The method of claim 16, further comprising the steps of: mounting said aerodynamic support within said bell portion and said aerodynamic support supporting said spray nozzle adjacent to the open end of said vacuum conduit bell.